

PTO/SB/82 (06-03)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY

| | |
|------------------------|----------------------|
| Application Number | 10/028,795 |
| Filing Date | December 28, 2001 |
| First Named Inventor | Brad R. BLACK et al. |
| Art Unit | 2155 |
| Examiner Name | |
| Attorney Docket Number | PAT 2222-2 |

I hereby revoke all previous powers of attorney given in the above-identified application:

 A Power of Attorney is submitted herewith.**OR** I hereby appoint the practitioners at Customer Number:

26123

 Please change the correspondence address for the above-identified application to: The address associated with Customer Number:

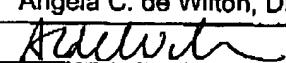
26123

OR

| | | | |
|--|-------|--|-----|
| <input type="checkbox"/> Firm or Individual Name | | | |
| Address | | | |
| Address | | | |
| City | | | |
| Country | State | | Zip |
| Telephone | Fax | | |

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

| | | | |
|-----------|---|-----------|----------------|
| Name | Angela C. de Wilton, Director, Intellectual Property | | |
| Signature |  | | |
| Date | 3 March 04 | Telephone | (613) 768-3020 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

| |
|---|
| <input type="checkbox"/> Total of <u>1</u> forms are submitted. |
|---|

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/06 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: NORTEL NETWORKS LIMITEDApplication No./Patent No.: 10/028,795 Filed/Issue Date: December 28, 2001Entitled: EFFICIENT CONTENT PLACEMENT USING NETWORK PROXIMITY

NORTEL NETWORKS LIMITED, a Corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or2. an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
 in the patent application/patent identified above by virtue of either:A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012023, Frame 0489, or for which a copy thereof is attached.**OR**B. A chain of title from the Inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3 March 2004Angela C. de Wilton

Date

(613) 768-3020

Telephone number

Typed or printed name

Azdelet

Signature

Director, Intellectual Property

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



JUNE 25, 2002

PTAS

SHAPIRO COHEN
P.O. BOX 3440
STATION D
OTTAWA, ONTARIO, CANADA, K1P 6P1

Chief Information Officer
Washington, DC 20231
www.uspto.gov



102070587A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/24/2002

REEL/FRAME: 012823/0489
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

BLACK, BRAD R.

DOC DATE: 01/22/2002

ASSIGNEE:

ULRICH, GARNET C.

DOC DATE: 04/23/2002

ASSIGNEE:

ASHTON, PETER T.

DOC DATE: 01/22/2002

ASSIGNEE:

NORTEL NETWORKS LIMITED
2351 BOULEVARD ALFRED-NOBEL
ST. LAURENT, QUEBEC, CALIFORNIA

H4S 2A9

SERIAL NUMBER: 10028795

FILING DATE: 12/28/2001

PATENT NUMBER:

ISSUE DATE:

012823/0489 PAGE 2

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



04-29-2002

4.24.02

Form PTO-1596
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

RE



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102070587

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Brad R. Black
Garnet C. Ulrich
Peter T. Ashton

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____ | |

Execution Date: Jan 22/02 & April 23/02

2. Name and address of receiving party(ies)

Name: Nortel Networks Limited

Internal Address: _____

Street Address: _____

2351 Boulevard Alfred-Nobel

St. Laurent, Quebec, CA, H4S 2A9
City: _____ State: _____ Zip: _____Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/028,795

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Shapiro Cohen

Internal Address: _____

Street Address: P.O. Box 3440

Station D

Ottawa, Ontario, Canada, K1P 6P1
City: _____ State: _____ Zip: _____6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

 Enclosed (credit card) Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Harold C. Baker - Reg 19333
Name of Person Signing

Signature

April 23, 2002
DateTotal number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

04/25/2002 BABRAHA1 00000137 10028795

D1 FC:581

40.00 OP

ASSIGNMENT AND AGREEMENT

For value received, we Brad R. Black, Garnet C. Ulrich, and Peter T. Ashton, Whose full post office addresses are respectively, 805 Beavertail Rd., Carp, ON, Canada, K0A 1L0 94 Evanshen Crescent, Kanata, ON, Canada, K2K 2X7, 66 Forest Gate Way, Nepean, ON, Canada K2G 6P4 hereby sell, assign and transfer to NORTEL NETWORKS LIMITED whose full post office address is, 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec, Canada, H4S 2A9, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to the invention entitled EFFICIENT CONTENT PLACEMENT USING NETWORK PROXIMITY as described in an application for letters patent filed in the UNITED STATES, the application being filed December 28, 2001 and receiving Serial No. 10/028,795 and all rights and privileges including priority rights arising from the application aforesaid and corresponding applications in other countries, all continuations, continuations-in-part, divisionals, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said inventions.

We request that any and all patents for said inventions may be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for claiming said priority rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

THE UNDERSIGNED hereby authorizes the firm of SHAPIRO COHEN whose full office address in Canada is Suite 2001, 112 Kent Street, Ottawa, Ontario, K1P 5P2 and whose full mailing address is P.O. Box 3440, Station D, Ottawa, Ontario, K1P 6P1, to correct .

...2

- 2 -

errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the U.S. Patent Office.

EXECUTED AT ... NEPEAN, ON
this 22 day of JANUARY
2002.

Brad Black
Brad R. Black

Witness: ... P. Ashton

EXECUTED AT OTTAWA, ONT
this 23 day of April
2002.

Garnet C. Ulrich

Witness: ... *E. D. Ulrich*

EXECUTED AT Nepean, ON
this 22nd day of JANUARY
2002.

P. Ashton
Peter T. Ashton

Witness: ... *Brad Black*

583P18US